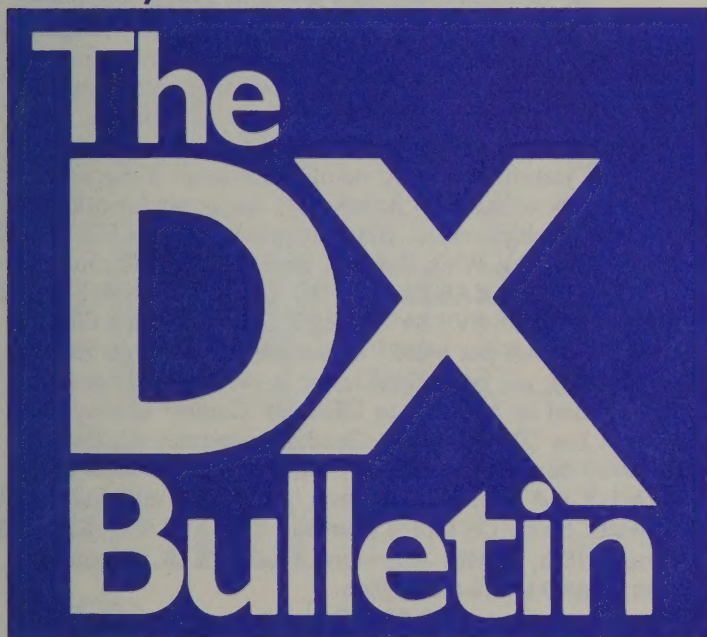


St. Christopher - V4 James Archer 5Z4FV will operate as V47FV (NA-104) Dec. 19-Jan. 5. He will concentrate on the low bands, especially 80 meters. QSL via his stateside call: N3JCL, 855 Springdale Dr., Exton PA 19341. Sunrise 1040Z; sunset 2145Z.

Bahamas - C6 Bill Wiseman KM1E returns to Green Turtle Cay (NA-080) again this winter, and will operate as C6AGN Dec. 15-Jan. 11, and throughout March. Bill particularly likes six meters. QSL to Louis Cable Jr. KA1DIG, 11 Maple Dr., Prospect CT 06712.

San Andrés - HK0 Silvano Amenta KB6GL and Don Hill AA5AU will operate HK0/ Feb. 27-Mar. 7. Silvano will be on 20, 17, 15, 12, and 10 meters, on SSB and RTTY, and Don will be on 40, 30, 20, 15, 12, and 10 meters, on CW and RTTY. QSL HK0/KB5GL to KA6V, and HK0/AA5AU to AA5AU.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Marshall Islands - V7 George Adkins AD1S and Darrell Boyer AH9B will be active as V73S and V73B Jan. 8-15, 1993. They will be on all bands 160-10 meters, on CW, SSB, and RTTY. Try 25 kHz up on CW, and 85 kHz up on RTTY, listening up 2-3 kHz as needed. QSL to the Oklahoma DX Association, P. O. Box 88, Wellston OK 74881. Sunrise 1945Z; sunset 0810Z.

Aruba - P4 The Quannapowitt Radio Association is sponsoring an Aruba operation Jan. 11-18, 1993, under the callsign P4/W1EKT. Operators include Jim Fisk W1HL, Mike Rioux NW1J, Bill Plumber N1NGK, and Bob Reiser AA1M. All bands, CW, SSB, and RTTY, with special attention to the 10-meter Novice band. QSL to AA1M, 6 Savin St., Burlington MA 01803.

Shortly Noted

- **S21ZG** is the long-awaited Bangladesh callsign of Eric WZ6C. His license is dated Dec. 7, and is good until the end of the year, but Eric has already requested a renewal through 1993. Eric will concentrate on working North America on CW, especially 20 meters at his sunrise (0045Z) and sunset (1120Z). QSL via W4FRU.
- **T5CB** should be active starting on Dec. 16; see Issue 666 for details, and remember that conditions in Somalia may necessitate a sudden change in plans.
- **Tonga A3** is the next stop on a multi-country Pacific tour by SM0NZY, SM0LCB, and SM0KAK, Dec. 12-17. They started as FO/SM0NZY from French Polynesia, then moved to Raratonga in the South Cooks as ZK1AZY. Spots include 7011 kHz at 1200Z, 10110/03Z, 24896±/12Z, and 21015 kHz at 02Z. Also try 3525, 28025, 14185, 21285, and 28485 kHz. Western Samoa 5W is next, Dec. 17-28, and then Fiji 3D Dec. 29-Jan. 15. QSL to SM0NZY.
- **XX9TSW** and **XX9TRF** are the expected Macao callsigns of Steve KU9C and Ralph K2PF, Dec. 9-12. Watch 40-10 meters, on CW, SSB, and perhaps some RTTY. QSL via home callsigns. (OPDX.)
- **XQ0X** on San Felix has been noted on 24950 kHz at 2100Z. QSL via CE3ESS. (W1AW.)
- **TU4SR** has been worked on 7004 kHz at 0400Z, and 14025 kHz at 2330Z. QSL via OH8SR.
- **OT2T** will be an ARRL 10-Meter contest operation Dec. 12-13 by Mark ON4WW and Peter ON6TT. QSL to ON6TT, P. O. Box 1, B-9090 Melle, Belgium.
- **JA5AUC/JD1** will be active from Ogasawara Dec. 11-13. QSL via home callsign. (Thanks DXPress.)
- **8P9DX** will be active Jan. 23-Feb. 6, including the CQWW 160-Meter contest. QSL via operator VE3ICR. (Thanks LNDX.)
- All **Y2-Y9** callsigns expire at the end of 1992; these amateurs will use DL1-9*** calls in 1993.
- QSL the **5X5WR** CW operation by Baldur DJ6SI direct to DJ6SI, and not via the usual 5X5WR QSL route.
- **SSB Nets**: Check-ins: **14227**: (11,22Z) PY0FNI 9M8BL 5Z4BP EL2PP TU4EC; **14236**: (03Z) HL9HH; **14256**: (2330Z) VP8CGK (South Georgia); **21335**: (14Z) 5R8GW ZC4AB C9RDM 7Q7RM A45XD A92BE J28GG Z21JE.
- **RTTY**: Spots: **YI1BGD** 21087 1445Z; **TY1PS** 21076 2032Z; **VU2MSW** 14084 0045Z; **H44JS** 14083 0710Z; **FR5AB** 14093 0030Z; **3A2LZ** 14088 0800Z; **ZC4ST** 14073 1700Z; **VP2EE** 14090 2230Z; **TU4EB** 14084 2345Z.
- **Islands On The Air**: **YN0YN** will be active from Corn Island (NA-013) Dec. 26-Jan. 2. The five operators will be on 160-10 meters, including the new bands, on CW and SSB. A special QSL/certificate will be available, via QSL manager KN9P. The IOTA frequencies are 14260, 21260, and 28460 kHz. Spots: **KA1FOW** from Rouge Banks Island (NA-067) 21260 kHz at 1915Z; **XF3R** on Cancun (NA-045) 14260 kHz at 1800Z.

Propagation

Forecast and Historical Data

| Day Forecast | 27 Days Before | 55 Days Before |
|-----------------|--------------------|-------------------|
| December 1992 | Date Flux A K | Date Flux A K |
| 11 High Normal | 11/14 127 08/13 2 | 10/17 107 12/15 2 |
| 12 High Normal | 11/15 137 11/07 3 | 10/18 112 10/09 3 |
| 13 Above Normal | 11/16 152 08/06 2 | 10/19 125 08/11 2 |
| 14 Above Normal | 11/17 152 07/06 1 | 10/20 133 07/09 1 |
| 15 Above Normal | 11/18 183* 03/05 2 | 10/21 141 05/06 2 |
| 16 Above Normal | 11/19 161 07/06 1 | 10/22 151 04/07 1 |
| 17 Above Normal | 11/20 159 02/04 0 | 10/23 142 03/03 0 |
| 18 Above Normal | 11/21 161 11/08 0 | 10/24 147 01/02 0 |
| 19 High Normal | 11/22 166 10/14 3 | 10/25 161 05/05 1 |
| 20 Low Normal | 11/23 177 25/28 3 | 10/26 170 11/09 3 |
| 21 High Normal | 11/24 174 11/13 3 | 10/27 171 21/25 3 |
| 22 High Normal | 11/25 167 12/13 3 | 10/28 175 20/21 2 |
| 23 High Normal | 11/26 163 09/09 2 | 10/29 164 26/25 3 |
| 24 Above Normal | 11/27 157 03/04 0 | 10/30 170 14/19 2 |
| 25 Above Normal | 11/28 149 04/05 1 | 10/31 150 10/14 2 |
| 26 Above Normal | 11/29 140 03/04 1 | 11/01 147 14/14 2 |
| 27 Above Normal | 11/30 140 07/09 3 | 11/02 141 21/20 2 |

Propagation Watch

The bands continue to hold up, even as we approach the winter solstice. Solar flux has been considerably higher than expected, increasing signal strengths and duration of openings on the high bands. A relatively stable geomagnetic field has provided DXers with some long- and polar-path openings, and improving low-band conditions. With the seasonally lower maximum useable frequencies (MUFs) just around the corner, and Sunspot Cycle 22 fading fast, DXers should make use of the current good band conditions. They won't last indefinitely.

On a more immediate basis, look for solar flux to rise gradually to a peak of about 160 near Dec. 22, before dropping back near 100 at the start of 1993. Some recurrent coronal holes may disturb the ionosphere around Dec. 20-22; otherwise the forecast is for band conditions similar to those of the past two months.

The sun has been very stable and predictable over the past couple of solar revolutions, as the graph to the right shows. While this simplifies propagation forecasting, it is simply wishful thinking to expect this ideal pattern to continue much longer. The sun is always full of surprises; "expect the unexpected."

Seasonal Effects: This phrase often occurs in these columns. It refers to the regular pattern of changing band conditions based on the month of the year. Conditions tend to be best near the equinoxes, in late March and September. In the summer, the increased illumination of the ionosphere increases absorption, and decreases signal strengths and MUFs. In the winter, the lack of solar radiation to ionize the ionosphere also translates into lowered MUFs. However, the lack of thunderstorms, low absorption, and low MUFs mean good low-band conditions during the winter. These overall factors are often overwhelmed by the effects of a solar flare, but they provide the basis for detailed propagation predictions. Thus we expect improved low-band conditions in general this winter. However, the best days to try 80 and 160 meters are when the K index has been 2 or less for a day to two.

DX Contests

Japan Low Band CW Test Jan. 8-10

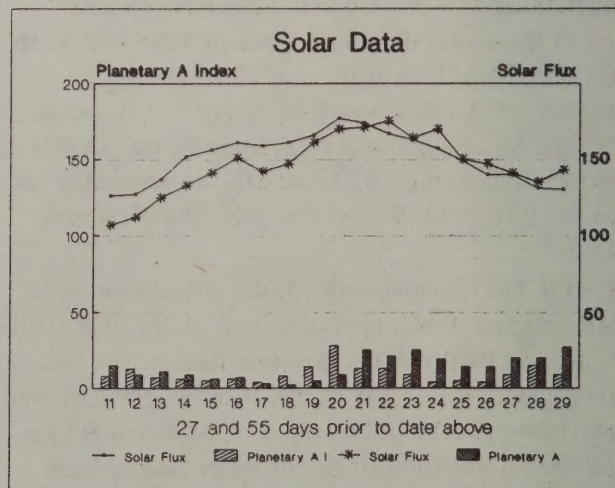
Five-Nine magazine in Japan sponsors the Japan International DX Contest. The contest has been divided into two parts, beginning this year. The first part is the low-band segment, 2200Z Jan. 8 to 2200Z Jan. 10, on 160, 80, and 40 meters, CW only. Stations outside of Japan are limited to 30 hours of operation. Categories are: single-op, all-band; single-op, single-band; and multi-single with 10-minute band-change rule. Exchange RST and CQ Zone from outside Japan, and RST and prefecture number (01-50) for Japanese. Contacts on 160 meters count 4 points each; on 80 2 points each; and on 40 1 point. Multipliers are Japanese prefectures plus Minami Torishima, Ogasawara, and Okino Torishima. DXers who work all Japanese prefectures in the test can get a special contest award. Logs by Feb. 28 to *Five-Nine Magazine*, P. O. Box 59, Kamata, Tokyo 144 Japan. (The high-band part of the test is April 9-11, on 20, 15, and 10 meters.)

UBA SSB Jan. 30-31

The Belgium UBA SSB test runs 1300Z Jan. 30-1300Z Jan. 31, on 80, 40, 20, 15, and 10 meters. Categories are: single-op, all-band; single-op, single-band; multi-single; QRP (5 watts or less); and SWL. Exchange signal report and serial number. Belgian stations will send report, serial number, and a two-letter province abbreviation. Contacts with ON stations count 10 points, with other European Community countries 3 points, and one point for other contacts. Multipliers are Belgium provinces (AN BT HT LB LG LU NR OV WV), Belgium prefixes, and EC countries: CT CU DL EA EA6 EL F G GD GI GJ GM GW I IS LX OZ PA SV SV5 SV9 SY TK ZB2. Score is points times multipliers (not per band.) 10-minute band change rule for all entrants; use of PacketCluster is permitted. Logs by band, dated by March 1 to UBA HF Contest Committee, Galicia Jan ON6JG, Oude Gendarmeriestraat 62, B-2220 Heist-op-den-Berg, Belgium. Awards for top station from each US and Canadian call area, provided a minimum of 40 contacts. Some US scores from the 1992 SSB test: **K2PS** 10 meters, 18th; **N4MM** 10 meters, 42nd; **WK4F** 15 meters, 36th; **WA2OAE** all-band, 59th.

QSLs Received

- From managers: **S2/HA5BUS** (Globex, Box 49, Budapest 1311, 7.5 months); **D2FGC** (OK1AJN, 3 months).



B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

| S | M | T | W | T | F | S |
|----|----|----|----|----|----|----|
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |

RTTY

| | | | | |
|--------|-------|------|----|----|
| CN8NP | 21083 | 2048 | 25 | MN |
| FG4FI | 14086 | 2350 | 3 | CA |
| FM2GO | 14084 | 2215 | 1 | FL |
| KH8/ | 21082 | 0052 | 2 | CA |
| JA3JA | | | | |
| VP2EE | 14089 | 2015 | 27 | OH |
| YN5JAR | 21086 | 2240 | 2 | ID |
| ZK2XJ | 21087 | 1731 | 6 | CA |

160 Meters

| | | | | |
|--------|------|------|----|-----------------|
| HF0POL | 1832 | 0604 | 29 | CA |
| | | | | South Shetlands |
| T32AF | 1830 | 0538 | 27 | CA |

80 Meters

| | | | | |
|----------|------|------|----|-----------------|
| 3D2AG/P | 3504 | 0944 | 6 | CA |
| 5N0ZKJ | 3514 | 2215 | 26 | NH |
| 9A1BHI | 3504 | 0044 | 3 | FL |
| A61AC | 3510 | 2258 | 26 | AL |
| BV2TA | 3503 | 1417 | 23 | OR |
| ES5DE | 3507 | 0235 | 2 | FL |
| FG5FZ | 3504 | 0148 | 1 | FL |
| HF0POL | 3503 | 0306 | 26 | CA |
| HF0POL | 3504 | 0625 | 26 | CA |
| | | | | South Shetlands |
| JA1HQT | 3508 | 1100 | 15 | NH |
| PZ1AJ | 3510 | 0246 | 2 | FL |
| SV9BAI | 3504 | 0007 | 3 | FL |
| TK5LF | 3508 | 0447 | 27 | MA |
| UA2FEK | 3512 | 0137 | 5 | FL |
| UC2AKP | 3507 | 0118 | 3 | FL |
| UO5ON | 3506 | 0223 | 1 | FL |
| V85KX | 3501 | 1426 | 26 | CA |
| VK6HD | 3508 | 1110 | 27 | NH |
| YB6AVE * | 3502 | 2204 | 26 | MA |

75 Meters

| | | | | |
|----------|------|------|----|----|
| 9M2DM | 3799 | 1430 | 24 | CA |
| FO4OK | 3795 | 1422 | 24 | OR |
| JA6BJT * | 3796 | 2143 | 26 | MA |
| JE1OMO | 3793 | 1320 | 27 | MN |
| JT1CS | 3799 | 1430 | 24 | CA |
| JW5NM | 3793 | 0923 | 6 | CA |
| V29SW | 3797 | 1021 | 6 | CA |
| VK6LK * | 3799 | 2049 | 26 | MA |
| VK9NY | 3798 | 1044 | 26 | CA |
| XU2UN | 3799 | 1430 | 24 | CA |
| XU3UN | 3795 | 1450 | 3 | ID |

40 Meters

| | | | | |
|--------|------|------|----|----|
| 3B8CF | 7007 | 0200 | 26 | GA |
| 3X0HNU | 7018 | 2330 | 25 | GA |
| 4K2MAL | 7001 | 0417 | 26 | CA |
| 4K2OKV | 7004 | 1320 | 26 | VA |
| 7Q7LA | 7004 | 1530 | 6 | CA |
| 7Q7XX | 7004 | 0130 | 4 | GA |
| 7Z2AB | 7024 | 2041 | 27 | VA |
| 9J2AJ | 7027 | 0021 | 25 | NY |
| 9X5HG | 7021 | 0150 | 24 | IA |

| | | | | |
|---------|------|------|----|-----------------|
| A61AC | 7011 | 2321 | 25 | VA |
| BV2TA | 7003 | 1529 | 30 | ID |
| BV4CT | 7011 | 1637 | 6 | CA |
| C53GQ | 7004 | 0004 | 5 | FL |
| FK8GJ | 7006 | 1415 | 26 | IA |
| FO/ | 7010 | 0847 | 27 | WI |
| SM5NZY | 7010 | 1432 | 30 | ID |
| HC5AI | 7008 | 1132 | 30 | FL |
| HF0POL | 7009 | 0518 | 24 | WI |
| HF0POL | 7013 | 2300 | 26 | TX |
| | | | | South Shetlands |
| HJ0VGJ | 7007 | 0220 | 27 | IA |
| HZ1AB | 7001 | 1415 | 26 | IA |
| J28FO | 7017 | 0144 | 26 | AL |
| JW9XG | 7011 | 0528 | 27 | CA |
| P30ADA | 7002 | 2244 | 3 | FL |
| PZ1DY | 7014 | 0130 | 1 | GA |
| T32VU | 7001 | 1403 | 6 | NV |
| TA3D | 7004 | 0405 | 25 | IA |
| TR8GR | 7011 | 2349 | 3 | FL |
| TU2MA | 7015 | 2155 | 27 | IA |
| TU4SR | 7003 | 0422 | 3 | ID |
| UD6DKW | 7004 | 0109 | 30 | FL |
| UJ8JI | 7007 | 0000 | 5 | FL |
| UJ8JI | 7005 | 1210 | 24 | MA |
| UW9CYA | 7003 | 1212 | 26 | MA |
| V73CT | 7001 | 1040 | 26 | WI |
| VK9LH * | 7007 | 1209 | 24 | TX |
| VP2EST | 7003 | 0338 | 26 | MI |
| VU2TEC | 7002 | 0110 | 6 | CA |
| YN1CC | 7010 | 0626 | 1 | CA |
| Z21HS | 7006 | 0344 | 1 | VA |
| Z21HS | 7007 | 1544 | 6 | CA |

30 Meters

| | | | | |
|---------|-------|------|----|--------|
| 3B8CF | 10104 | 0225 | 27 | VA |
| 4K2MAL | 10101 | 2148 | 26 | SC |
| 7Q7XX | 10105 | 0237 | 26 | VA |
| FO/ | 10107 | 0251 | 27 | VA |
| | | | | SM5NZY |
| HC5AI | 10103 | 1159 | 5 | FL |
| HC5AI | 10103 | 2335 | 3 | GA |
| OD5/ | 10105 | 2300 | 25 | GA |
| | | | | SP7LSE |
| S79S | 10102 | 0237 | 3 | FL |
| TA2BK | 10103 | 2250 | 2 | FL |
| VK6HS * | 10109 | 2150 | 26 | SC |
| VP2EST | 10101 | 0235 | 1 | FL |
| ZA1J | 10105 | 2330 | 3 | GA |

20 Meter CW

| | | | | |
|--------|-------|------|----|------------|
| 3A2LF | 14009 | 1606 | 6 | CA |
| 4K1YAR | 14025 | 0155 | 27 | UT |
| | | | | Antarctica |
| 4S7NE | 14005 | 0110 | 24 | MI |
| 4S7WP | 14002 | 2310 | 24 | MI |
| 7P8SR | 14034 | 0525 | 1 | CA |
| 9J2BO | 14027 | 1542 | 3 | ID |
| 9K2MU | 14016 | 0110 | 25 | IA |
| 9M2NA | 14010 | 2325 | 30 | IA |
| FR5AB | 14091 | 0307 | 30 | MN |
| FR5GL | 14028 | 0200 | 24 | IA |
| JT1CS | 14033 | 0127 | 27 | UT |

| | | | | |
|--------|-------|------|----|---------|
| JU830C | 14009 | 0225 | 2 | GA |
| JW9XG | 14025 | 1613 | 25 | ID |
| JW9XG | 14004 | 2340 | 25 | GA |
| JX7DFA | 14013 | 1201 | 21 | NB |
| S21A | 14010 | 1450 | 30 | ID |
| S21B | 14010 | 1500 | 25 | CA |
| SU1AH | 14035 | 1900 | 27 | GA |
| TL8GR | 14027 | 2008 | 27 | WI |
| TU4SR | 14025 | 2325 | 27 | GA |
| UA0YO | 14003 | 0213 | 30 | FL |
| | | | | Zone 23 |
| UJ8JA | 14006 | 1300 | 26 | IL |
| VQ9AC | 14023 | 1446 | 25 | SC |
| VU2NI | 14007 | 0148 | 27 | NC |
| ZK1AZY | 14025 | 1622 | 6 | CA |

20 Meter SSB

| | | | | |
|---------|-------|------|----|-----------------|
| 5Z4BI | 14196 | 0510 | 28 | VA |
| 7Q7JL | 14213 | 0525 | 1 | CA |
| 8R1AK | 14214 | 0018 | 29 | VA |
| 9K2GS | 14190 | 0524 | 1 | CA |
| HF0POL | 14247 | 0028 | 27 | CA |
| | | | | South Shetlands |
| JT1BG | 14192 | 0052 | 24 | VA |
| TR8JH | 14160 | 2146 | 26 | CA |
| UM8QDX | 14217 | 1159 | 29 | NJ |
| VP8CFM | 14256 | 2344 | 26 | VA |
| | | | | South Orkneys |
| VP8CKB | 14216 | 0124 | 18 | CA |
| | | | | South Georgia |
| VP8CLR | 14285 | 0032 | 6 | CA |
| | | | | South Georgia |
| VU2YK * | 14194 | 1241 | 26 | NJ |

17 Meter CW

| | | | | |
|-------|-------|------|----|--------|
| 7P8SR | 18075 | 1922 | 24 | SC |
| JT1/ | 18076 | 0110 | 1 | GA |
| | | | | J12MED |
| JW9XG | 18072 | 2105 | 27 | GA |

17 Meter SSB

| | | | | |
|--------|-------|------|----|----|
| 6W1AAD | 18121 | 2303 | 24 | NY |
| 7Q7ZZ | 18155 | 1632 | 30 | ID |
| TU4CI | 18114 | 2353 | 26 | WI |

15 Meter CW

| | | | | |
|--------|-------|------|----|------------|
| 3X0HNU | 21007 | 1720 | 24 | IA |
| BY4RB | 21026 | 0056 | 2 | FL |
| HJ0VGJ | 21026 | 2307 | 1 | FL |
| JW9XG | 21023 | 1940 | 27 | CO |
| OD5/ | 21015 | 1337 | 26 | NC |
| | | | | SP7LSE |
| PZ1AV | 21008 | 1530 | 26 | ID |
| TA2XB | 21013 | 1246 | 26 | NC |
| TF3GC | 21022 | 1710 | 27 | GA |
| VK6IA | 21031 | 1244 | 30 | FL |
| VP8GAV | 21017 | 2232 | 26 | WV |
| | | | | Antarctica |
| YN/ | 21037 | 2309 | 1 | FL |
| | | | | SM0OIG |

15 Meter SSB

| | | | | |
|--------|-------|------|----|-----------------------|
| 5R8GW | 21260 | 1700 | 26 | IA |
| 5Z4BI | 21344 | 1925 | 29 | NJ |
| 7P8SR | 21355 | 2005 | 5 | NJ |
| 7Q7JL | 21235 | 1733 | 24 | NH |
| 7Q7RM | 21290 | 1928 | 5 | NJ |
| 7X2DG | 21364 | 1705 | 27 | IA |
| A22EX | 21322 | 1909 | 29 | NJ |
| A22RV | 21355 | 1920 | 24 | WI |
| C9RDM | 21234 | 2126 | 27 | VA |
| KC4/ | 21346 | 0101 | 6 | CA |
| | | | | KK6KO Palmer Station |
| KC4/ | 21258 | 0210 | 6 | CA |
| | | | | W6REC McMurdo Station |
| KH3AF | 21276 | 0100 | 6 | NV |
| P51AA | 21300 | 0031 | 6 | CA |
| T26VV | 21285 | 2146 | 27 | VA |
| UI8ZAA | 21329 | 1353 | 27 | VA |

12 Meter CW

| | | | | |
|--------|-------|------|----|--------|
| 7Q7XX | 24891 | 1803 | 22 | NS |
| C9RJJ | 24912 | 1504 | 5 | FL |
| FO/ | 24898 | 0013 | 26 | CA |
| | | | | SM5NZY |
| GD4UOL | 24891 | 1305 | 27 | VA |
| ZC4BG | 24901 | 1525 | 25 | VA |

12 Meter SSB

| | | | | |
|-------|-------|------|----|----|
| 7X2DG | 24940 | 1557 | 26 | CA |
|-------|-------|------|----|----|

10 Meter CW

| | | | | |
|--------|-------|------|----|---------------|
| 5N0ZKJ | 28011 | 1720 | 25 | CA |
| 7Q7RM | 28028 | 1720 | 6 | CA |
| FR5DD | 28025 | 1658 | 25 | CA |
| JW9XG | 28022 | 1840 | 27 | GA |
| JY40VJ | 28023 | 1400 | 26 | IL |
| TR8CC | 28027 | 1720 | 27 | GA |
| TR8YA | 28025 | 1407 | 30 | FL |
| VP8GAV | 28017 | 1324 | 27 | NH |
| XQ0YAF | 28009 | 2200 | 27 | IA |
| | | | | Easter Island |
| YN/ | 28018 | 1550 | 26 | CA |
| | | | | SM0OIG |
| Z21HQ | 28008 | 1630 | 25 | VA |

10 Meter SSB

| | | | | |
|----------|-------|------|----|----|
| 3X0HLU | 28552 | 2058 | 25 | CO |
| 7X2DG | 28482 | 1430 | 30 | FL |
| 8R1AK | 28493 | 1726 | 6 | CA |
| C9RJJ | 28515 | 1715 | 25 | KS |
| D2/N6HQO | 28483 | 1929 | 29 | CA |
| D2EL | 28347 | 1350 | 26 | IL |
| HF0POL | 28473 | 1447 | 27 | VA |
| HV4NAC | 28540 | 1430 | 29 | CO |
| J28BG | 28482 | 1259 | 27 | VA |
| KG4JH | 28470 | 1702 | 6 | CA |
| OY2VO | 28543 | 1402 | 24 | VA |
| PY0TSN | 28482 | 2210 | 27 | IA |
| TL8NG | 28500 | 1618 | 24 | NH |
| ZC4ESB | 28625 | 1435 | 26 | VA |

Current and Future DXpeditions

(Changes and hot info in boldface.)

| <u>DXCC Country</u> | <u>Prefix Callsign</u> | <u>Dates</u> | <u>Issue</u> |
|---------------------|------------------------|-----------------|--------------|
| Antarctica | DL1KVC/P | 14246 17-1900Z | I664 |
| Antigua | V2/ VE3BW | Jan. 1-29 | I664 |
| Aruba | P4/ W1EKT | Jan. 11-18 | I667 |
| Bahamas | C6 C6AGN | Dec. 15-Jan. 11 | I667 |
| Baker, Howland | KH1 /K9AJ | Jan. 26+ | I664 |
| Bangladesh | S2 S21ZG | 20M CW now | I667 |
| Barbados | 8P 8P9DX | Jan. 23-Feb. 6 | I667 |
| Burkina Faso | XT XT2BW | 14211 kHz 21Z | Sun. |
| Cayman Islands | ZF ZF2RC | Dec. 9-16 | I665 |
| | ZF1A | Dec. 12-13 | I666 |
| Crozet | FT FT4WD | soon | I664 |
| Desecheo | KP5 N0TG | Dec. 28-Jan. 4 | I666 |
| Fiji | 3D SM0s | Dec. 29-Jan. 15 | I667 |
| Ivory Coast | TU TU4SR | to Dec. 21 | I665/6 |
| Kingman Reef | KH5 N0AFW/ | late Feb. | I666 |
| Macao | XX9 TSW/TRF | Dec. 9-12 | I667 |
| Marshall Islands | V7 V73S/B | Jan. 8-15 | I667 |
| Minami Torishima | JA9IPX/JD1 | to Jan. 14 | I659 |
| New Caledonia | FK/ Ys | December | I661 |
| Ogasawara | JD1/ JA5AUC | Dec. 11-13 | I667 |
| Rwanda | 9X 9X5AB | now active | I662 |
| St. Kitts | V4 V47FV | Dec. 19-Jan. 5 | I667 |
| San Andrés | HK0/ AA5AU, KB5GL | Feb. 27+ | I667 |
| São Tomé | S9 S92SS | now active | I665 |
| Singapore | 9V 9V1XE | to Dec. 31 | I659 |
| | 9V1YU | 15M 15-1700Z | I661 |
| Somalia | T5 T5CB | Dec. 16-31 | I666 |
| South Georgia | VP8 VP8CGK | 14050 kHz 18Z | I661 |
| Tonga | A3 SM0s | Dec. 12-17 | I667 |
| Western Samoa | 5W SM0s | Dec. 17-28 | I667 |
| Wallis Island | FW FW/Ys | Dec. 5-15 | I661 |

Operating Events and DX Gatherings

| <u>Dates</u> | <u>Event</u> | <u>Reference:</u> |
|----------------|------------------------|-------------------|
| Dec. 12-13 | ARRL 10-Meter Contest | <u>QST</u> |
| Dec. 13 | TARA RTTY Sprint | <u>I666</u> |
| Jan. 2-3, 1993 | ARRL RTTY Roundup | <u>QST</u> |
| Jan. 8-10 | Japan Low-Band CW Test | I667 |
| Jan. 30-31 | Belgium SSB Contest | I667 |

Contributors

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Resident Amateurs on Regularly

| <u>DXCC Country</u> | <u>Callsign</u> | <u>Freq.</u> | <u>UTC</u> |
|---------------------|-----------------|--------------|------------|
| Angola | D2/N6QHO | 28485± | 1900Z |
| Antarctica | 4K1YAR | 20M CW | 0200Z |
| Antarctica | VP8GAV | 21020± | 2230Z |
| Azerbaijan | UD6DKW | 7005 | 0100Z |
| Bangladesh | S21A | 14004± | 22-0200Z |
| Cambodia | XU3UN | 3797± | 1500Z |
| Crete | SV9BAI | 3506± | 0000Z |
| Easter Island | XQ0YAF | 28010 | 1830Z |
| Faroes | OY2VO | 10M SSB | 1400Z |
| Guinea | 3X0HNU | 21010± | 1700Z |
| India | VU2NI | 14008± | 0150Z |
| Japan | JA1HQT | 3508 | 1100Z |
| Madagascar | 5R8GW | 21260 | 1700Z |
| Malawi | 7Q7XX | 7005 | 0130Z |
| Mauritius Island | 3B8CF | 10105± | 0230Z |



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| <u>DXCC Country</u> | <u>Callsign</u> | <u>Freq.</u> | <u>UTC</u> |
|----------------------|-----------------|--------------|------------|
| Mongolia | JT1CS | 14034 | 0130Z |
| Mozambique | C9RJJ | 28500± | 1700Z |
| Nigeria | 5N0ZKJ | 28011 | 1700Z |
| San Felix | XQ0X | 24950 | 2100Z |
| South Shetlands | HF0POL | 7010± | 2300Z |
| South Shetlands | HF0POL | 3507± | 0630Z |
| South Shetlands | HF0POL | 14250± | 0000Z |
| Sri Lanka | 4S7WP | 20M CW | 2300Z |
| Tajikistan | UJ8JI | 7004 | 00, 1200Z |
| United Arab Emirates | A61AC | 3510 | 2300Z |
| United Arab Emirates | A61AC | 7008± | 2330Z |
| Zone 29 | VK6HD | 3505± | 1115Z |